Kansas Department of Health and Environment
Bureau of Environmental Remediation, Remedial Section
Voluntary Cleanup Program

Riley County Cleanup

Background:

The Riley County Shop is located in Manhattan, Kansas. The shop is situated on approximately 11.62 acres within the City. The main office building, fleet maintenance and underground storage tank facility are located on the upper terrace at the north end of the property. The second terrace is used for vehicle and materials storage. Below this storage area, several storage buildings, the Noxious Weed Department building and additional materials storage are situated.

In December 1992, KDHE conducted a preliminary investigation at the Riley County Shop facility. This investigation determined that several of the past operations at the property caused a release of hazardous substances to the environment. An area of lead contamination in shallow, subsurface soils was identified on part of the property which at one time was used to store batteries. In 1999, the property was entered into the Voluntary Cleanup and Property Redevelopment Program to address the lead contamination in soil.

Household hazardous waste building.

Solution:

In March 2000 a licensed environmental consultant mobilized to the site to excavate the lead-contaminated soil. Approximately 22 cubic yards of contaminated soil was removed and transported off-site to be disposed of at a nearby landfill as a non-hazardous special waste. Soil samples were collected at the time of excavation to confirm that all lead-contaminated soil was successfully removed. Existing monitoring wells at the Riley County Shop facility were sampled both before and after the excavation activities to insure that the lead contamination in soil had not migrated downward to the water table. All confirmation samples for the excavation indicated that the cleanup had been successful. A No Further Action Determination for lead was issued to the Riley County Shop Property and the site was officially closed.

South of alleged dumping area.

Benefits:

- **Approximately 22 cubic yards of contaminated soil removed.**